DEPARTMENT OF
RADIOLOGY & IMAGING

Dr. R K Gupta, MBBS, MD is an expert in the field of MR Imaging and MR Spectroscopy and in the world. He has pioneered special techniques on Perfusion MRI, DTI and Phase Filtration that are unique have direct implications in diagnosis and management of patients. With experience spanning over 30 years, Dr. Gupta has written over 400 papers in national and international journals. He also holds professional memberships to several prestigious medical associations around the globe like International Association for the Study of the Liver, International Society of Magnetic Resonance in Medicine and so on.

State-of-the-art Radiology and Imaging technology at FMRI includes:

Philips Ingenia 3T MRI
- World's First-Ever Digital Broadband MRI
- Diffusion Tensor Imaging
- Dynamic Contrast Enhanced Perfusion Imaging
- MR Spectroscopy
- Functional MR
- Whole Body Diffusion Imaging
- Multi-Parametric Imaging
- Non-Invasive Measurement of Intracranial Pressure

Philips ICT 256 Slice Scanner
- Perfusion Scans
- Cardiac Imaging with Step & Shoot and iDose4

Philips IU 22 Ultrasound
- 3D/4D Applications
- Elastography

Philips Mammo Diagnost DR
- FFDM System
- Customisable & Intuitive Operation

Philips Essenta RC
- Digital & Computed Radiography
- Fluoroscopy

ORGANISING COMMITTEE
Patron:
Dr. Dilpreet Brar
Regional Director, Operations

Chairman:
Dr. R K Gupta

Secretary:
Dr. R K Verma

Members:
Dr. Aparajita Mehta
Dr. Deepak Goyal
Dr. Elora Borthakur Kaushik
Dr. H.S. Nagpal
Dr. Krishan K. Jain
Dr. Meenakshi Singhai
Dr. M.L. Bera
Dr. Shweta Bajaj
Dr. Sakshi Khurana
Dr. Nikhil Kumar

Advisory Committee:
Dr. A K Kriplani
Dr. B K Mohanty
Dr. Gourdas Choudhuri
Dr. H H Dash
Dr. Krishan Chugh
Dr. Nikhil Kumar
Dr. Praveen Gupta
Dr. Rana Patir
Dr. Sandeep Altawar
Dr. Sandeep Valshya
Dr. Shamshar Dwivedee
Dr. Sunil Mital
Dr. Vedant Kabra
Dr. Vinod Raina
Dr. Willy Raina

SYMPOSIUM
ON ADVANCED MR IMAGING
TECHNIQUES
WITH FOCUS ON
PEDIATRICS
February 27–March 01, 2015

Organised under the aegis of Indian Chapter of ISMRM
Supported by:
PHILIPS
**DAY 1 - FRIDAY, FEBRUARY 27, 2015**

12:30 PM - 1:30 PM    **Inauguration**

1:30 PM - 2:30 PM    **Lunch**

2:30 PM - 3:30 PM    **MRI in Neuro Development**

Dr. K. K. Gupta (FMRI, Gurgaon)

3:30 PM - 5:00 PM    **Advanced Imaging to Evaluate MS Grey Matter Plaque**

Dr. Ponnada Narayana (Univ. of Texas Houston, USA)

5:00 PM - 6:00 PM    **Head and Neck Imaging in Children**

Dr. Sanjay Vaid (Star Imaging, Pune)

6:00 PM - 7:00 PM    **MRI Imaging of Encephalitis in Children**

Dr. Jitender Saini (NIMHANS, Bangalore)

7:30 PM - 8:30 PM    **Tea Break**

8:30 PM - 9:30 PM    **Motion Corrected MRI**

Dr. Jim Pipe (Barrow Neurological Institute, Arizona, USA)

**DAY 2 - SATURDAY, FEBRUARY 28, 2015**

10:00 AM - 10:30 AM    **Advancements Beyond Diffusion Imaging**

Dr. Ponnada Narayana (Univ. of Texas Houston, USA)

10:30 AM - 11:00 AM    **Imaging of Fetal Brain Development and Malformations**

Dr. Tetsu Niwa (Tokai University, Japan)

11:00 AM - 11:30 AM    **Possible use of CEST Imaging in Clinical Practice**

Dr. Anup Singh (IIIT Delhi)

11:30 AM - 11:45 AM    **Tea Break**

11:45 AM - 12:15 PM    **Role of Susceptibility Phase Imaging in Pediatric Brain**

Dr. Tetsu Niwa (Tokai University, Japan)

12:15 PM - 12:45 PM    **Pediatric FMRI -Techniques and clinical applications**

Dr. Nandini Chatterjee Singh (National Brain Research Centre, Manesar)

12:45 PM - 1:15 PM    **Safety aspects in MRI**

Dr. Ponnada Narayana (Univ. of Texas Houston, USA)

1:30 PM - 2:30 PM    **Lunch Break**

2:30 PM - 3:30 PM    **Advancements in aortic and peripheral MRI**

Dr. Tim Leiner (Utrecht University Medical Center, The Netherlands)

3:30 PM - 5:00 PM    **Advanced MRI Imaging in Congenital Heart Diseases**

Dr. Vimal Raj (Narayana Health, Bangalore)

5:00 PM - 6:00 PM    **MRI Imaging of pediatric Lung**

Dr. K. S. Sodhi (PGI Chandigarh)

6:00 PM - 7:00 PM    **Tea Break**

8:30 PM - 9:30 PM    **Hands-on Workshop**

Dr. Chandrakant Prasad (NIMHANS, Bangalore)

**DAY 3 - SUNDAY, MARCH 1, 2015**

10:00 AM - 10:30 AM    **Role of MRI - An Orthopedic Perspective**

Dr. M. Padman (FMRI, Gurgaon)

10:30 AM - 11:00 AM    **Imaging in Scepticised Pediatric MSK Infection**

Dr. Mahesh Prakash (PGI Chandigarh)

11:00 AM - 11:30 AM    **Sports injury/ Trauma Pediatric knee**

Dr. M. Kumaravel (University of Texas at Houston)

11:30 AM - 12:00 PM    **Tea Break**

12:00 PM - 12:30 PM    **Sports injury/ Trauma Paediatric hip**

Dr. M. Kumaravel (University of Texas at Houston)

12:30 PM - 1:00 PM    **MR evaluation of Imping child (Non traumatic)**

Dr. R. K. Verma (FMRI Gurgaon)

1:00 PM - 2:00 PM    **Sports injury/ Trauma Paediatric shoulder**

Dr. M. Kumaravel (University of Texas at Houston)

2:00 PM - 3:00 PM    **Metal Artifact Reduction Techniques**

Dr. Indrajit Saha (Philips Healthcare India)

3:00 PM - 4:00 PM    **Lunch**

**REGISTRATION FORM**

Name:

Designation:

Name of Hospital / Institute:

Permanent Address:

Pin Code:

Phone (Landline):

Phone (Mobile):

E-mail:

Please turn overleaf for registration details